# Chapter 7

## Recommendations

Several episodes of deformation affected the distribution and structure of the manganese carbonate orebody at Nsuta. An understanding of the structural evolution improves the chances of predicting the continuation of the orebody with more accuracy. It must be emphasized that small-scale folding and faulting were instrumental in displacing the orebody locally. This complicates prediction of possible extensions of the orebody considerably. However, the area immediately to the west of Hills A and B (Fig. 7.1) is considered to be the most promising target area for future exploration.

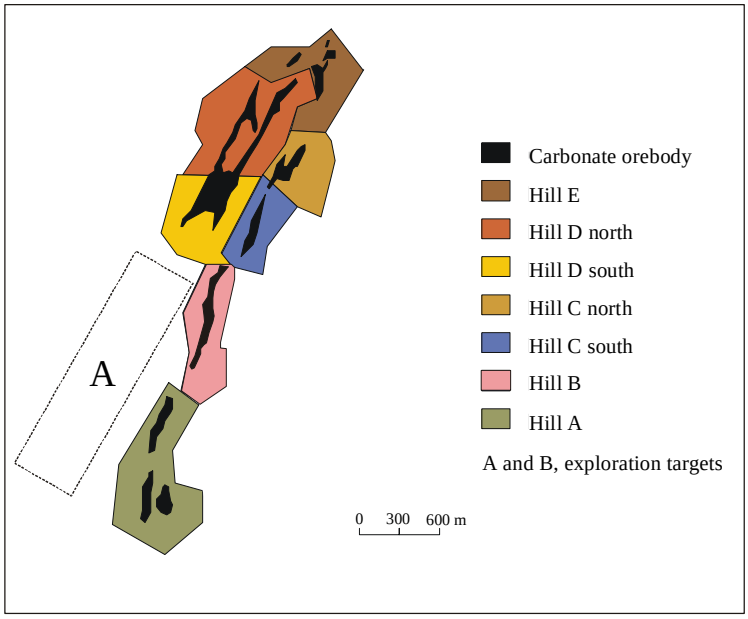


Figure 7.1. The Nsuta mining concession. Recommended exploration target indicated in region A.

Because of down-throw to the south along E-W striking normal faults (Fig. 6.10), it is possible that ore may be present below surface as part of a down-faulted anticline (Fig. 6.9) to the west of Hills A and B (Fig. 7.1). To the north of Hill E, the anticline has been up-faulted and the ore most probably eroded (Fig. 6.10). For future exploration purposes and to extend the available ore reserve, an extensive exploration (i.e. drilling) program is recommended for this target area.